



JOB DESCRIPTION

TITLE: Software Engineer I

DEPARTMENT: Technology

REPORT TO: Lead Software Engineer

STATUS: Full Time

JOB SUMMARY / ORGANIZATIONAL IMPACT

iApartments is looking for a Software Engineer who is AI-first in how they design, build, test, and deploy AWS cloud-native software. This role emphasizes rapid iteration, high code quality, and continuous learning using modern AI-assisted and agentic development tools.

The ideal candidate is motivated to tackle complex cloud-based systems in the multifamily industry and is comfortable leveraging AI tools (including agentic AI) as a core part of their daily development workflow to deliver value faster and more reliably.

RESPONSIBILITIES / ESSENTIAL FUNCTIONS

- Implement AWS cloud-based and mobile software using AI-assisted and AI-driven development workflows, leveraging services including Lambda, API Gateway, DynamoDB, RDS, S3, SNS/SQS, Step Functions, ECS/EKS, and IoT Core.
 - Develop in .NET (C#) for enterprise backends, Python for automation and serverless workflows, and Node.js for APIs and microservices.
 - Use modern AI coding tools to accelerate development, testing, debugging, and refactoring
 - Collaborate with senior engineers to design and implement features using rapid iteration and continuous feedback loops
 - Contribute to future system design and feature requirements, incorporating AI-enabled automation and optimization where appropriate
 - Integrate, configure, and test IoT devices within the platform, including smart locks, lock sensors, smart switches, and related connected hardware, ensuring reliable communication, security, and performance across cloud and mobile systems
 - Maintain configuration management, documentation, and AI-generated artifacts with clear human validation
 - Perform root cause analysis and debugging, leveraging AI tools to diagnose and resolve issues efficiently
 - Advocate for the end-user by ensuring a high-quality user experience and recommending improvements
 - Adapt quickly to new and evolving AI development tools, frameworks, and workflows
 - Perform other duties as assigned
 - Travel to support on-site installations and troubleshooting as needed
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REQUIRED EDUCATION / EXPERIENCE

- Bachelor's degree in engineering or computer science, or equivalent practical experience
 - AI-first development mindset with hands-on experience using AI coding assistants or agentic AI tools in production or learning environments
 - 0–2 years of experience in software development using a high-level language (e.g., Java, C#, Python)
 - Hands-on expertise with .NET Core and Python, including framework internals and best practices
 - Experience with AWS cloud services, particularly Lambda functions and DynamoDB, with a focus on serverless architecture patterns
 - 0–2 years of experience testing web-based and/or mobile software applications
 - 0–2 years of experience in database design (schema-based and schema-less)
 - Understanding of Software Development Lifecycles, with emphasis on fast feedback and automation
 - Understanding of SOLID principles and their practical application in designing scalable, maintainable systems
 - Strong debugging, troubleshooting, and problem-solving skills
 - Strong analytical skills and attention to detail
 - Experience using configuration management tools (e.g., Git, Subversion, Mercurial)
 - Ability to work in a fast-paced environment across multiple projects
 - Demonstrated ability to learn and adopt new tools—especially AI-driven tools—at an accelerated pace
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PREFERRED EDUCATION / EXPERIENCE

- Hands-on experience with JIRA and SCRUM/Agile development environments
 - Experience with IoT frameworks, including MQTT messaging
 - Familiarity with agentic workflows, automated testing, or CI/CD pipelines enhanced by AI
 - Experience with common software and system design patterns
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COMPENSATION

- Salary: Competitive
 - 401(k)
 - PTO
 - Health, Dental, Vision
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Location: Tampa, FL (In office)
